

Ottawa Conference on the Assessment of Competence in Medicine and the Healthcare Professions – March 3rd, 2020

Assessing self-efficacy in an EPA-based clerkship: An explorative mixed-methods study

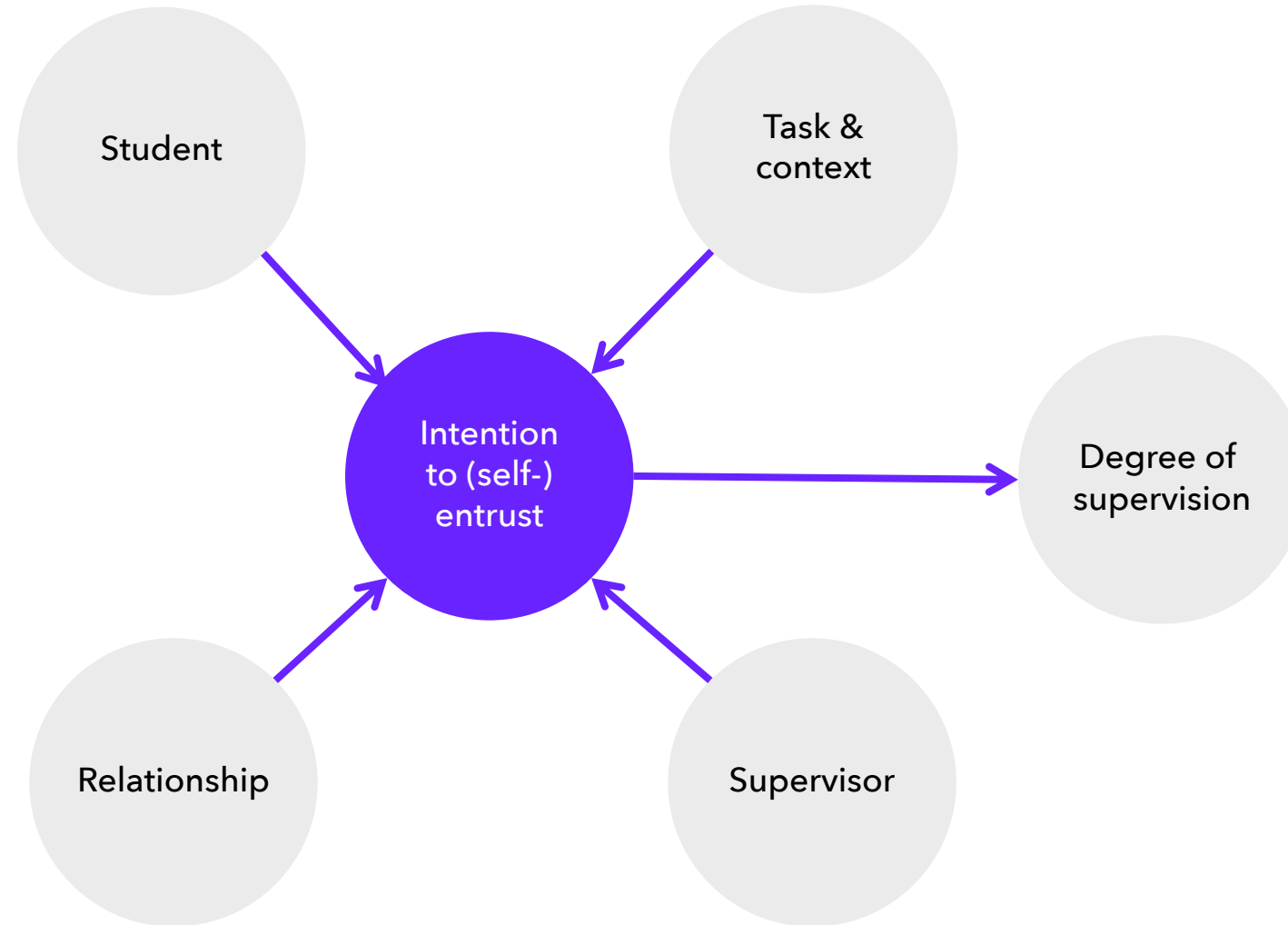
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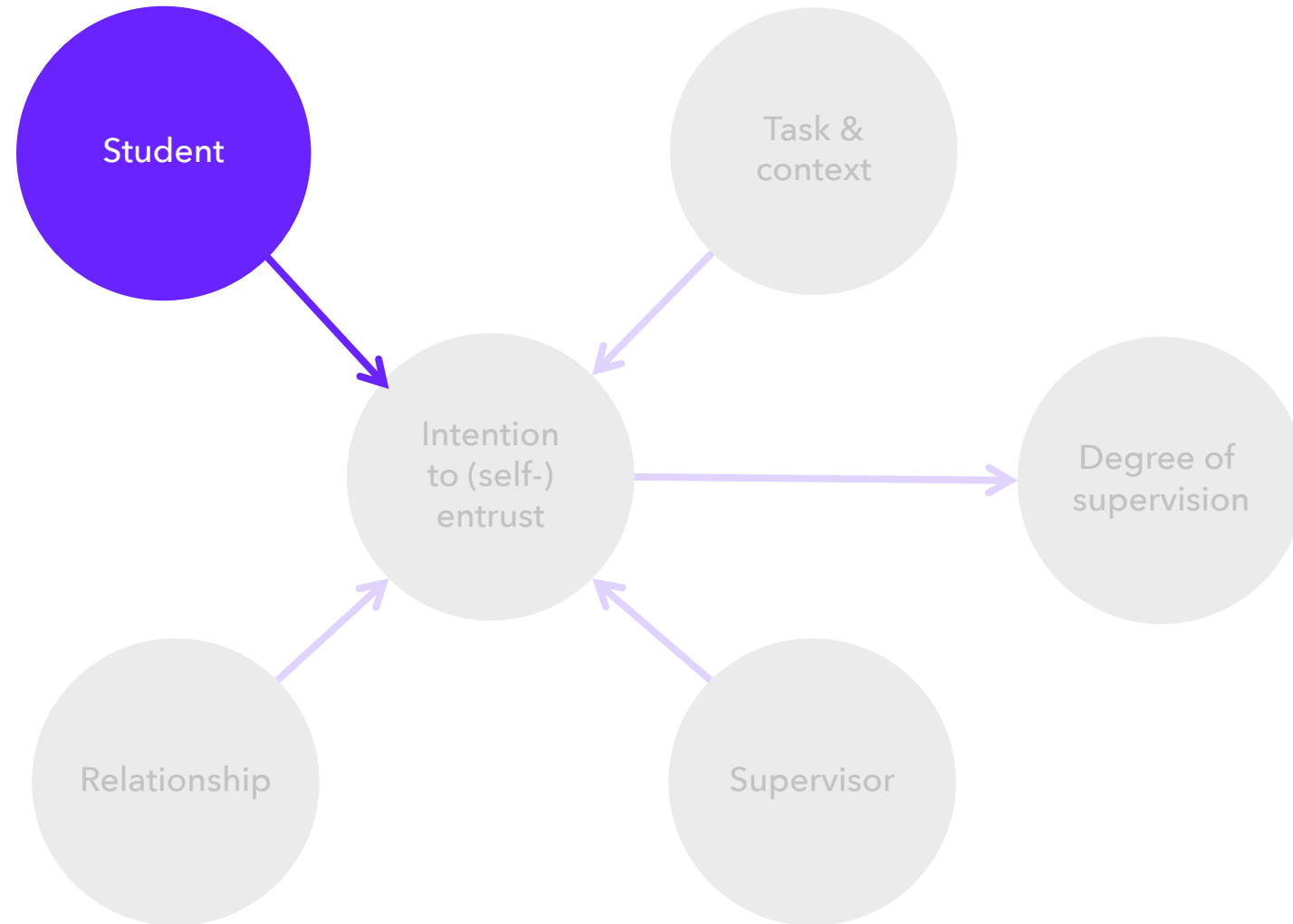
Outline

- Entrustability and Self-Efficacy
- Research questions
- Setting
- Study outline
- Preliminary results

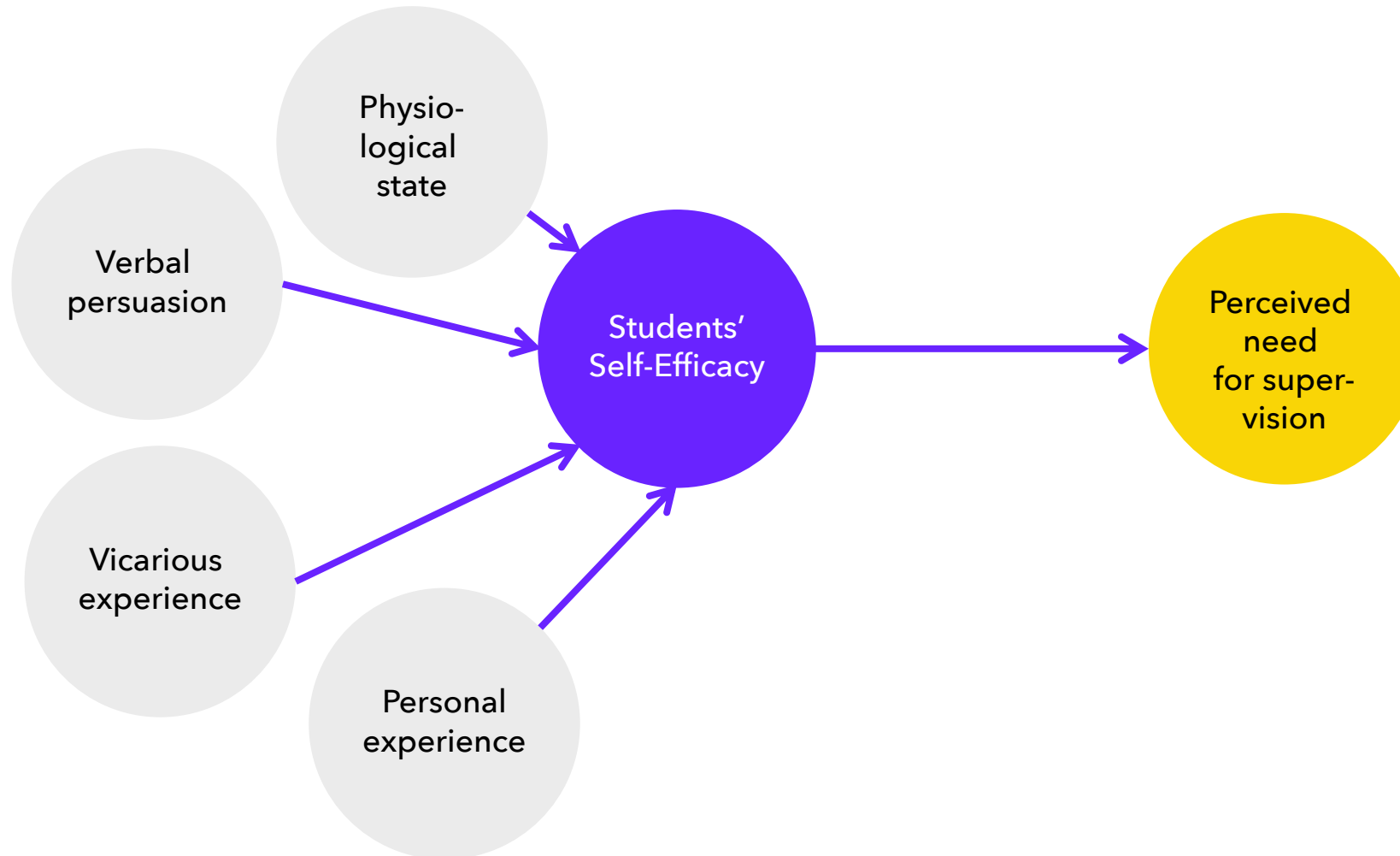
Entrustability



Entrustability



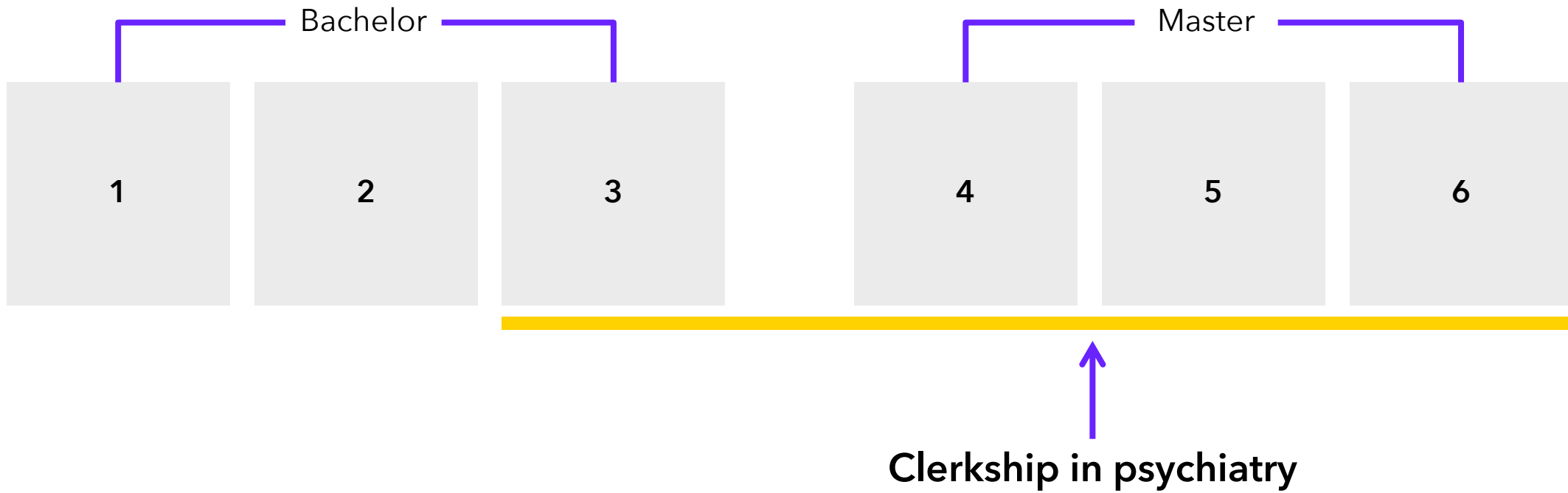
Self-Efficacy



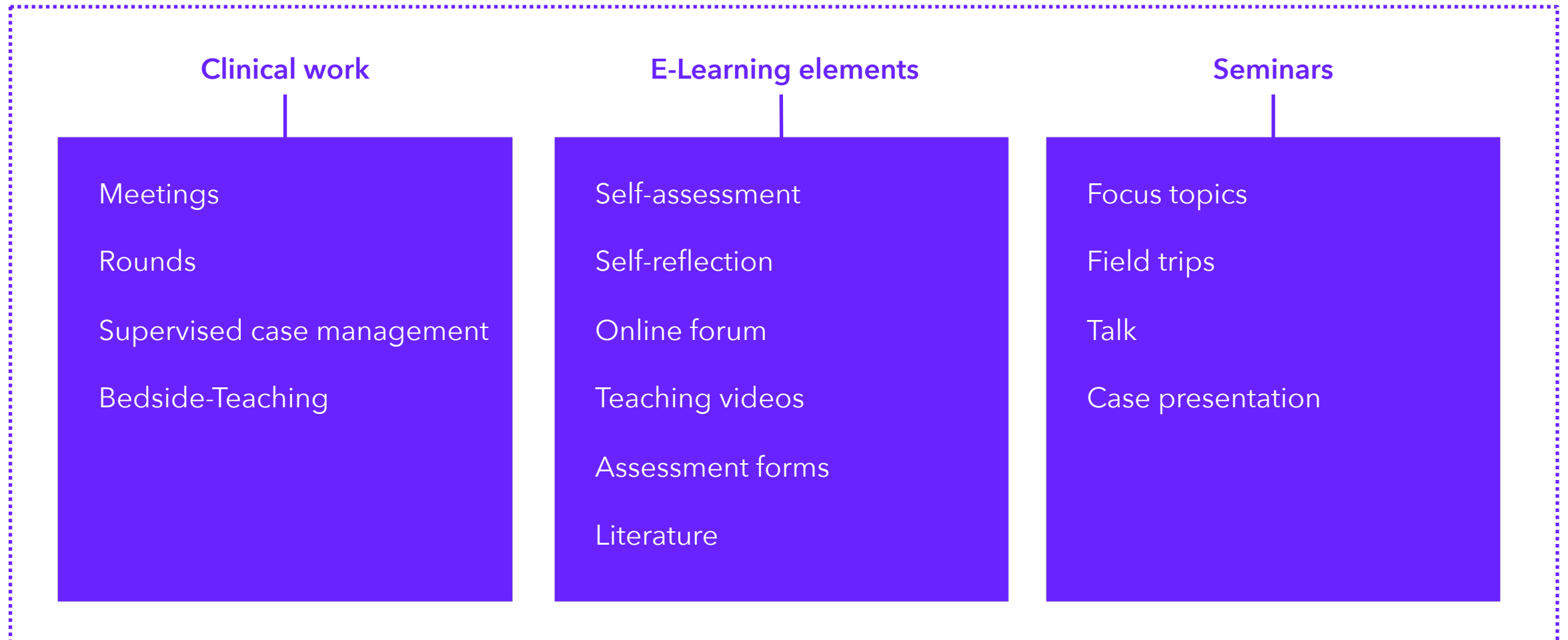
Research questions

- How do medical students self-assess their need for supervision before and after a clerkship rotation?
- Which factors do medical students perceive as relevant for entrustment decisions in a psychiatry clerkship?

Setting



Clerkship curriculum psychiatry



Study design

- ▲ Pre: Self-Assessments, Multiple-Choice-Tests
- ▼ Post: Self-Assessments, Multiple-Choice-Tests, Evaluations, Semi-structured in-depth interviews
- ◆ In-between: Workplace-based assessments



Clerkship rotations 2019

Levels of supervision scale

“ I feel confident to perform [this clinical activity].

6 – If indirect supervision on demand is available

5 – Main findings need to be checked by my supervisor

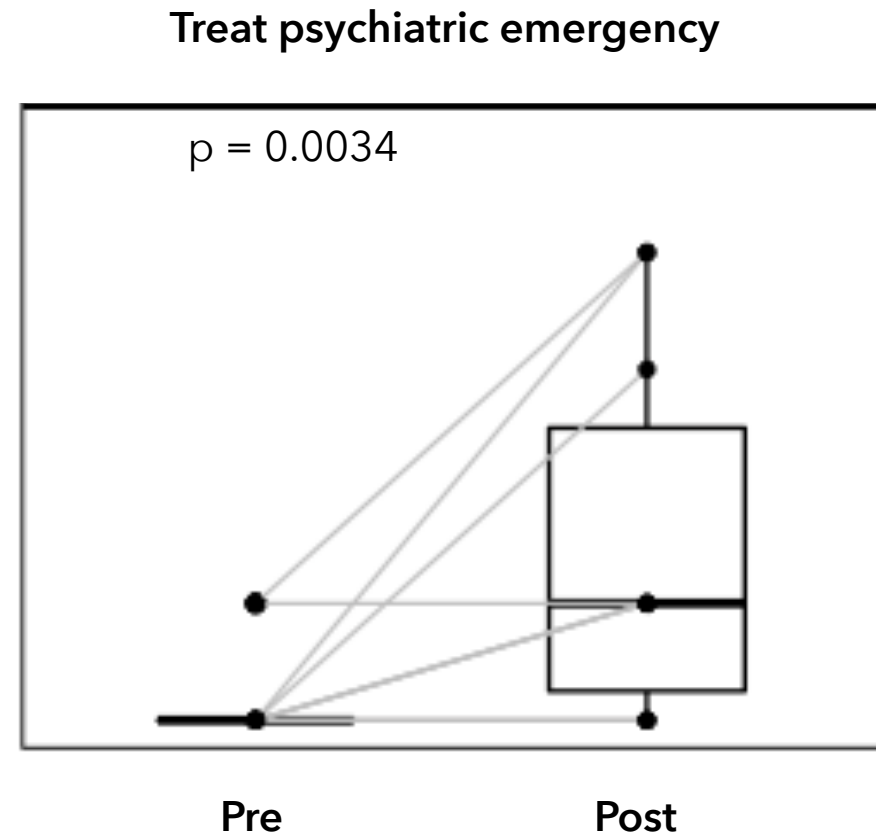
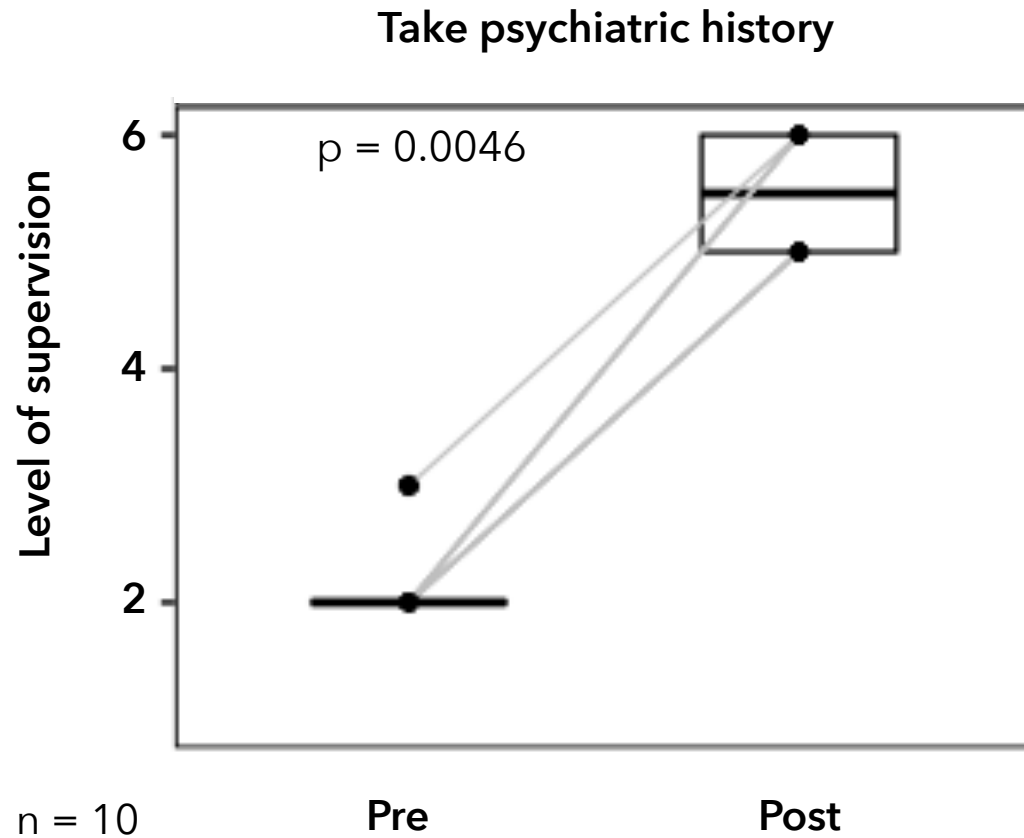
4 – Activity needs to be checked completely by my supervisor

3 – In the presence of my supervisor

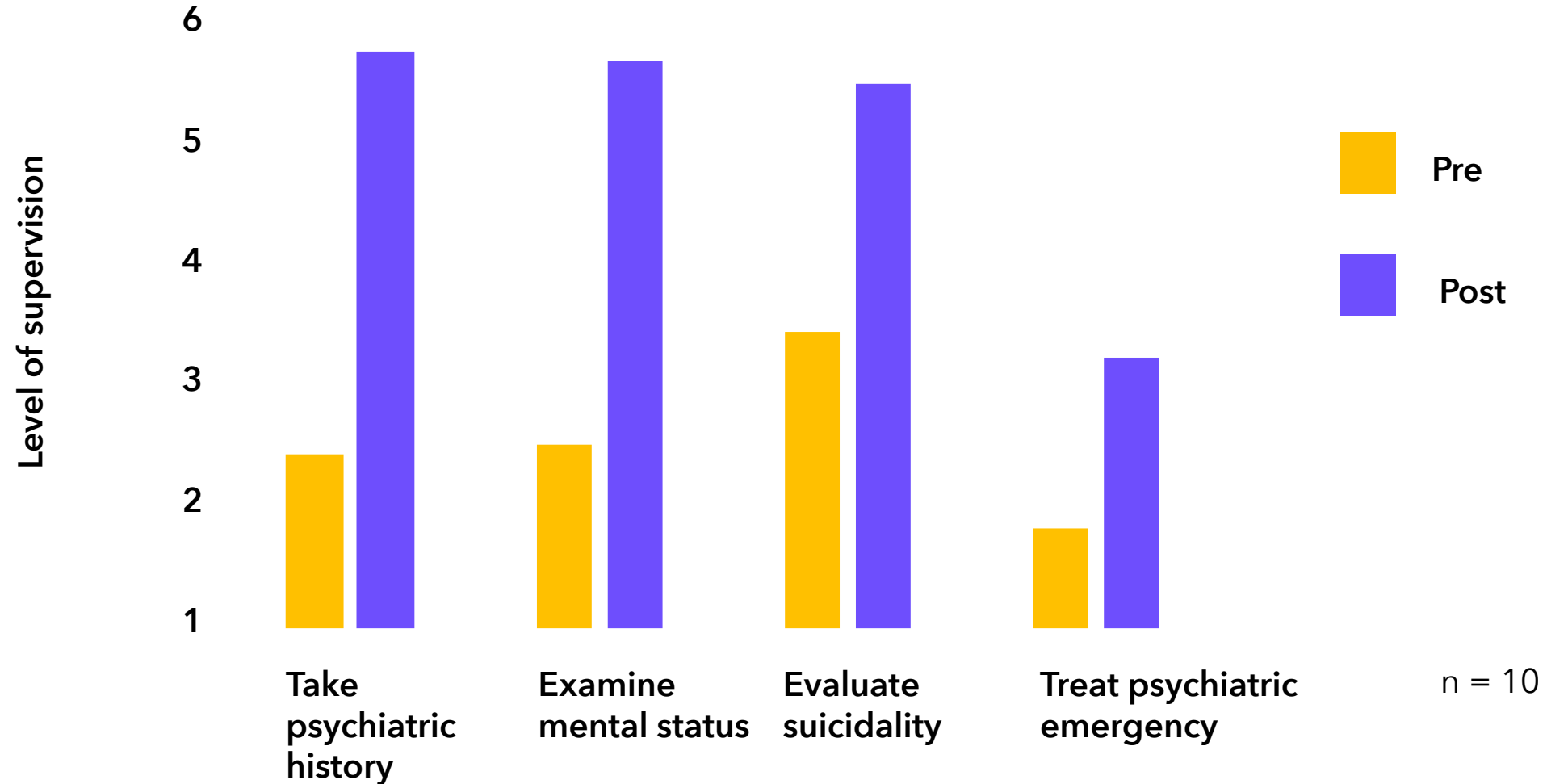
2 – Together with my supervisor

1 – No, I can observe only

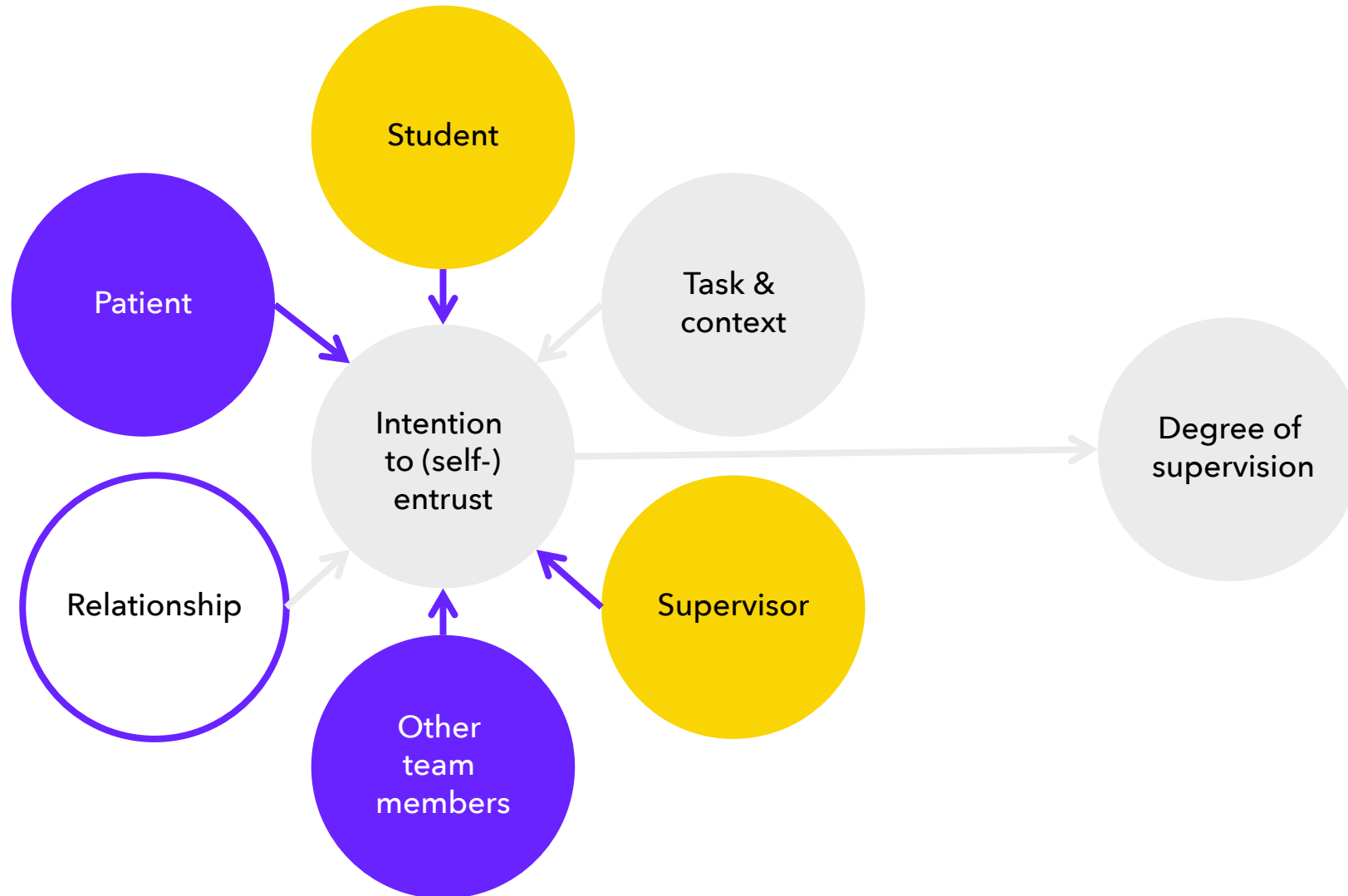
Preliminary results - students' self-assessment February 2019



Preliminary results – students' self-assessment March 2019



Preliminary qualitative study results – the students' perspective on entrustment



Preliminary conclusions

- Self-assessment changes differently over a clerkship for EPAs
- Use self-assessment to inform curriculum development
- Personal characteristics of supervisor and student perceived as central
- Patients' and health professionals' perspective relevant for entrustment

Team



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Let's talk

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References

Bandura, A. (1977). Self-efficacy: toward a unifying theory of behavioral change. *Psychological review*, 84(2), 191.

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